SMARTLINQ
Your personal safety mobile

- Track & Trace via GPS
- Fixed Time Reporting
- Emergency button
- Adjustable safety zones
- Pre-programmable buttons
- Motion sensor / alerts
- Reporting functionality
- Speed control / alerts
- Power on/off alerts
- Low battery alerts

## SafeLinQ Solutions

SafeLinQ is at the forefront of the rapidly expanding mobile location based services (MLBS) market. Combining mobile telephony with GPS tracking features, we provide Safety & Security solutions to help both consumers and businesses to protect themselves and their belongings as well as fulfilling the duty of care.

## SafeLinQ USP's

- Complete portfolio in one full service platform
- Best hardware available
- Turn-key solution
- Ideal for cost conscious market sectors
- All standard features available
- Customisation possible

## Possible target audience

For example:

- Lone workers
- Security guards
- Couriers
- Care workers
- Elderly

## Product description

The SmartLinQ is the most powerful personal safety device available which is small in size and lightweight. Combining the latest GPS technology with widely available GSM standards. The SmartLinQ mobile is a GPS location device which is designed for personal security and has an inbuilt emergency button as well as a motion sensor.

The SmartLinQ has been exclusively developed by SafeLinQ and uses proprietary protocols. It will only operate in conjunction with the SafeLinQ service. You can use the SafeLinQ service via the 'out of the box' web solution or through an API.

The SmartLinQ primarily transmits its location information to the SafeLinQ service using GPRS but can fall back on text messaging when in areas of poor GPRS coverage. As the SmartLinQ is a GSM quad band device, it will operate in most parts of the world.

## Key features

### Fixed Time Reporting

Set service start/end time and tracking interval (cycles) and the SmartLinQ automatically reports its position to the SafeLinQ platform.

### Motion sensor

SmartLinQ is equipped with a motion sensor, which immediately alerts in case of a 'man down' situation.

### Geo-fencing

The possibility to create and modify 4 Safety Zones (both in- and out zone alerts).

### Programmable buttons

Ability to program up to four speed dial numbers through the secure website.

### Speed Sensor

Sends out alert information when activated and speed threshold is met.

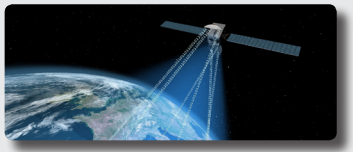
### Power Status

Sends out alert information when the SmartLinQ is switched on or off and when the battery power is low or charging.

**Motion sensor**
SmartLinQ is equipped with a motion sensor, which immediately alerts in case of a 'man down' situation.

**4 pre-programmable buttons**
Ability to program up to four speed dial numbers through the secure website.

**Emergency button**
One push of the emergency button will contact a pre-defined number and send a message with location info.



**Adjustable safety zones**
You can set up to four safety zones that can provide either in or out zone alerts.

## Technical specifications SmartLinQ /GT100

### General

| | |
|---|---|
| Dimension (mm – H/W/D) | 86 x 46 x 16.8 mm |
| Weight (g) | 72g |

### Hardware

| | |
|---|---|
| GPS Baseband | SIRF GSC3F |
| Band | Quad band GSM 850/900/1800/1900 |
| Receiver | 20 x 11 mm |
| Speaker | 20 x 11 mm |
| Indicator LED x 3 | Charge LED<br>GSM status indicator LED<br>GPS status indicator LED |
| Keyboard Backlight | LED – Navy blue |
| Vibrate Mode | Yes |
| GSM Antenna | Internal antenna |
| GPS Antenna | Internal antenna |
| Memory | 32MB FLASH + 16MB RAM |
| System Interface | Proprietary |
| Earphone Interface | 2.5 mm jack |
| RF Test Interface | For use by mobile network operators for RF network testing. |
| Temperature | Normal working conditions: -10 to 55°C<br>Limited working conditions: 55 to 65°C |

### Software

| | |
|---|---|
| Ring tone | 16 channel polyphormic MIDI for incoming calls |
| Voice codec | FR, EFR, HR, AMR |
| Two path audio | Earphone and receiver |
| GPS | • SiRF Star III chipset<br>• Receive 20 channels, L1 1575.42 Mhz, C/A code 1.023 Mhz chip rate<br>• DGPS accuracy 1 to 5m, typical 0.05m/s<br>• Acquisition rate (TTFF defined at 95% of first position local station)<br>Standard GPS mode:<br>○ Hot start <1 second, average in open sky<br>○ Warm start <38 seconds, average in open sky<br>○ Cold start <42 seconds, average in open sky |
| OTA | Over the air command settings from the SafeLinQ server using the SafeLinQ proprietary protocol. |
| Motion Sensor | Sends out alert information when activated and shock is detected. |
| Speed Sensor | Sends out alert information when activated and speed threshold is met. |

### Package contents:

The SmartLinQ comes in a complete retail package:

- Handset
- Travel charger
- 950 mAh battery (Li-ion)
- Hands free headset
- User manual

### Available accesories:

- Pouch
- Belt clip
- Travel charger
- Car charger
- Desktop charger
- 950 mAh battery (Li-ion)